



CLAIM AMENDMENTS

Please replace all prior versions of the claims with the following listing of the revised claims.

In The Claims:

1-39. (cancelled).

40. (new) An intraluminal support device for providing support to a body vessel, comprising:

a support frame comprising a non-mesh tubular structure formed of one or more frame threads circumferentially wrapped thereabout and having a length and a substantially uniform circumference comprising a full circle; and

a graft material disposed on a portion of the support frame and spanning at least a portion of the length, the graft material extending only a partial distance along the circumference of the support frame, said partial distance being at least $\frac{1}{4}$ of the circumference.

41. (new) The intraluminal support device of claim 40, wherein said tubular structure is formed by a single frame thread.

42. (new) The intraluminal support device of claim 41, wherein said frame thread is wound to form a plurality of ring segments connected by a plurality of curved regions.

43. (new) The intraluminal support device of claim 42, wherein adjacent curved regions extend beyond each other such that adjacent ring segments are interleaved.

44. (new) The intraluminal support device of claim 40, wherein said one or more frame threads are connected to a longitudinal support.

45. (new) The intraluminal support device of claim 44, wherein said one or more frame threads comprise two opposing fingers, each finger including a distal end extending away from a base connected to said longitudinal support.

46. (new) The intraluminal support device of claim 45, wherein said one or more frame threads are circumferentially wrapped around said longitudinal support.

47. (new) The intraluminal support device of claim 46, wherein said one or more frame threads and said longitudinal support comprise a pattern formed from a seamless sheet of a biocompatible material.

48. (new) The intraluminal support device of claim 40, wherein said graft material is disposed on an outer surface and covers a portion of said support frame, said graft material being secured to said support frame by folding said graft material around one of said frame threads thereby creating an area of double thickness and connecting two layers of said graft material to each other.

49. (new) The intraluminal support device of claim 48, wherein said graft material extends from a first end to a second end of said support frame.

50. (new) The intraluminal support device of claim 48, wherein said graft material extends along a fractional length of said length of said support frame.

51. (new) An intraluminal support device for providing support to a body vessel, comprising:

a support frame comprising a tubular structure formed of one or more frame threads and having a length and a substantially uniform circumference comprising a full circle, said tubular structure comprising a curved portion formed by one of said frame threads, said curved portion being interleaved between said one or more frame threads; and

a graft material disposed on a portion of the support frame and spanning at least a portion of the length, the graft material extending only a partial distance along the circumference of the support frame, said partial distance being at least $\frac{1}{4}$ of the circumference.

52. (new) The intraluminal support device of claim 51, wherein said tubular structure is formed by a single frame thread.

53. (new) The intraluminal support device of claim 52, wherein said frame thread is wound to form a plurality of ring segments connected by a plurality of curved regions.

54. (new) The intraluminal support device of claim 53, wherein adjacent curved regions extend beyond each other such that adjacent ring segments are interleaved.

55. (new) The intraluminal support device of claim 51, wherein said one or more frame threads are connected to a longitudinal support.

56. (new) The intraluminal support device of claim 55, wherein said one or more frame threads comprise two opposing fingers, each finger including a distal end extending away from a base connected to said longitudinal support.

55. (new) The intraluminal support device of claim 56, wherein said one or more frame threads are circumferentially wrapped around said longitudinal support.

58. (new) The intraluminal support device of claim 57, wherein said one or more frame threads and said longitudinal support comprise a pattern formed from a seamless sheet of a biocompatible material.

59. (new) The intraluminal support device of claim 51, wherein said graft material is disposed on an outer surface and covers a portion of said support frame, said graft material being secured to said support frame by folding said graft material around one of said frame threads thereby creating an area of double thickness and connecting two layers of said graft material to each other.

60. (new) The intraluminal support device of claim 59, wherein said graft material extends from a first end to a second end of said support frame.

61. (new) The intraluminal support device of claim 59, wherein said graft material extends along a fractional length of said length of said support frame.

62. (new) An intraluminal support device for providing support to a body vessel, comprising:

a support frame comprising a tubular structure formed of one or more frame threads and having a length and a substantially uniform circumference comprising a full circle; and

a graft material disposed on an outer surface of a portion of the support frame thereby covering and spanning at least a portion of the length, the graft material extending only a partial distance along the circumference of the support frame, said partial distance being at least $\frac{1}{4}$ of the circumference, wherein said graft material is secured to said support frame by folding said graft material around one of said frame threads thereby creating an area of double thickness and connecting two layers of said graft material to each other.

63. (new) The intraluminal support device of claim 62, wherein said support frame comprises a non-mesh tubular structure, said one or more frame threads being circumferentially wrapped thereabout.

64. (new) The intraluminal support device of claim 63, wherein said tubular structure is formed by a single frame thread.

65. (new) The intraluminal support device of claim 64, wherein said frame thread is wound to form a plurality of ring segments connected by a plurality of curved regions.

66. (new) The intraluminal support device of claim 65, wherein adjacent curved regions extend beyond each other such that adjacent ring segments are interleaved.

67. (new) The intraluminal support device of claim 63, wherein said one or more frame threads are connected to a longitudinal support.

68. (new) The intraluminal support device of claim 67, wherein said one or more frame threads comprise two opposing fingers, each finger including a distal end extending away from a base connected to said longitudinal support.

69. (new) The intraluminal support device of claim 68, wherein said one or more frame threads are circumferentially wrapped around said longitudinal support.

70. (new) The intraluminal support device of claim 69, wherein said one or more frame threads and said longitudinal support comprise a pattern formed from a seamless sheet of a biocompatible material.

71. (new) The intraluminal support device of claim 62, wherein said graft material extends from a first end to a second end of said support frame.

72. (new) The intraluminal support device of claim 62, wherein said graft material extends along a fractional length of said length of said support frame.